

YOUR FOREST YOUR ADVENTURE

Winter 2007 • VOL 3 • NO 1



Jefferson Memorial Forest

11311 Mitchell Hill Road
PO Box 467
Fairdale, KY
40118

502/368-5404

www.memorialforest.com
•
www.metro-parks.org
•
forest@louisvilleky.gov
•
parks@louisvilleky.gov

Welcome Center

Mon-Sat 8:30 a.m.-4:30 p.m.
Sun 10 a.m.-3 p.m.

The Welcome Center
is your destination
for maps, gift items,
program reservations,
camping reservations,
permits and
Forest information.

Directions

From I-65 south, take the
Gene Snyder Freeway (I-265)
west and exit at New Cut Road.
Turn left, go about one mile,
and turn right onto
Mitchell Hill Road.
Follow the signs to the Forest.

Mission Statement

The mission of
Louisville Metro Parks
is to create
a City of Parks
and enhance the
quality of life for
citizens of Louisville Metro
by maintaining and acquiring
attractive, vibrant parks
and offering safe, diverse
recreation programs, and
protecting these lands
and resources for
future generations.

LET THE PLANNING BEGIN!

Metro Parks is pleased to announce the selection of Jones and Jones Architects and Landscape Architects, Ltd – a nationally-recognized and award-winning firm based in Seattle – to develop a master plan for the Jefferson Memorial Forest. Jones and Jones has decades of experience producing inspirational master plans on scales similar to that represented by the Jefferson Memorial Forest and in settings of equal beauty and ecological, educational and recreational significance.

As part of this six- to eight-month process, a steering committee – composed of community leaders, representatives from local government, and professionals from fields including resource management and environmental education – will help guide the planning process in a way that supports the Forest's mission and community goals.

There will be three public meetings where current Forest users, potential users, and all others can voice their suggestions. The first of the public meetings is tentatively scheduled to take place in March, at a location to be determined.

Furthermore, neighborhood representatives and specific interest groups will be invited to individual stakeholder meetings. These stakeholder meetings will be divided into five groupings:

- Citizens and political representatives from Fairdale and surrounding neighborhoods

- nature and environmental education clients and users
- trail users
- other recreational clients and users
- volunteers

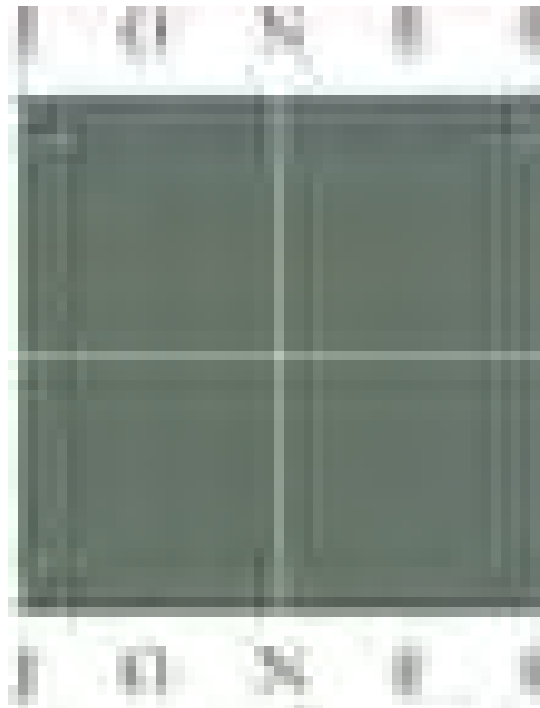
Jones and Jones has assembled a very capable consultant team with significant local representation. These include Biohabitats, Inc. (natural resource inventory and assessment); Environs, Inc. (neighborhood liaison); BTM

Engineering, Inc (transportation and land use planning); Corn Island Archaeology, LLC (historic resource assessment); and Horizon Research International (community preference surveys).

Details on the exact date, time, and location of the first public meeting will likely be announced in February. Those on our mailing list will be notified directly. Those not on our mailing list should keep an eye on *The Courier-Journal*,

as well as the web site for the Forest (www.memorialforest.com). In the meantime, we hope that you will be thinking about your vision for the Jefferson Memorial Forest so that you can share it with us early next year.

Bennett Knox, Park Manager





INTERVIEW

We asked Charlie Scott, Project Manager for the Jones and Jones team, to answer a few questions in order to introduce you to their firm's approach to developing a master plan for Jefferson Memorial Forest. We've also included a few photos of projects that further demonstrate their experience and expertise.

What makes this project interesting?

Jones & Jones' interest in this project stems from the special qualities and unique opportunities that the Jefferson Memorial Forest embodies. The forest is a really wonderful resource for Louisville, deserving of continued protection, enjoyment and study of its beautiful natural places and features.

As you enter the planning process, what's your initial vision for the Forest?

Our vision for the Jefferson Memorial Forest dovetails with that of Louisville Metro Parks. We believe the forest should be sustained as a healthy, invigorating woodlands resource and recognized as a preeminent environmental learning center for the region.

How important is public input in the master planning process?

Our master plan will give voice to the land as well as convey the voice of the people. We need members of the local community to tell us what they value most about the forest landscape and what they would like to see happen with regard to recreation, protection, restoration, and education within and around the forest.

How will you approach this process?

Jones & Jones specializes in projects like this in locations all over the country. However, we do not bring a set of pre-conceived notions or pre-determined solutions to any project. What we do bring is a process of looking at the unique characteristics of each place and talking to local citizens in order to give us the information and direction we need to develop master plan recommendations.



Top to bottom: 1) The award-winning Cedar River Watershed Education Center designed by Jones & Jones educates residents of greater Seattle about the source of their drinking water and the delicate forest ecology that maintains their high water quality. 2) Jones & Jones designed site amenities for the Rattlesnake Lake Recreation Area (North Bend, Washington) to fit harmoniously with the setting. 3) Jones & Jones worked on the design of the reconstructed Paris Pike near Lexington, focusing on ways to integrate the new road with the scenic landscape. 4) Jones & Jones has done master plans for a number of nature preserves near major urban centers, like the Mercer Slough Nature Park in Bellevue, Washington.



NATURE NOTES

Late winter and early spring is the time when some of the more persistent natural features of the forest become more visible. Ice-covered rock faces shine through the empty woods as they reflect the afternoon sun. Autumn's blaze has long since dissipated and left bare the grey limbs and trunks of the trees that created it. Gnarled roots and deeply furrowed bark seem to testify to the struggle for survival that allowed a small acorn to become a huge tree.

This time of year also shows us how some other forest creatures have fared. Snow shows the tracks and diggings of animals that are currently staying busy in the survival business. It is interesting to study these signs and re-create what must have been taking place when they were left. The remains of animals that have not survived also stand out more than in other seasons. It may be the fur of a rabbit that an owl ate last night or the skeletal remnants of an animal that died months before. This winter, there may be a few more deer skeletons than in most years.

Many people throughout Kentucky reported seeing deer that had died of disease in the fall of 2007. Epizootic Hemorrhagic Disease (EHD) was the cause in many of these cases. EHD is the most significant deer disease in the U.S. It affects deer in many states every year, especially in the southeastern states, but it is more severe in years with little rain and warm fall weather.

The reason is the disease's vector, or pathway of travel. EHD is spread by tiny biting midges that feed on the deer. These midges will usually be found living around pools of water in the late summer and early fall. During dry years, deer will stay in closer proximity to these remaining water sources and therefore are more available to be bitten by the midges. In this way the virus is more easily spread. The first hard freeze of fall kills the midges and ends the spread of the disease.

The effects of the disease can vary in severity. In the southern states, many deer in the population are infected with the virus, but have a higher immunity to the disease and therefore show less acute symptoms and a lower mortality rate. In



more northern states, the disease strikes less often, but because of this, the deer population has developed less immunity and the effect of the disease is more severe when it occurs. Disease symptoms include fever, swollen head, neck, tongue, and eyelids, troubled breathing, internal bleeding, and lameness. Deer with no immunity may die in as little as three days.

The virus cannot spread to humans through the deer, the midges, or by eating infected deer. However, the Kentucky Department of Fish and Wildlife Resources does not recommend eating any obviously sick deer, because other, more dangerous infections may be present due to the deer's depleted immune response. This disease is nothing new. The virus was isolated in the 1950s, and journals from the 1880s describe deer epidemics likely caused by this disease. The EHD outbreak should not have any significant effect on Kentucky's deer population. There is little evidence to support that population density causes an increase of the disease.

Some interesting facts about white-tailed deer:

- They have been known to live up to 15 years in the wild.
- They have pedal glands on their feet that give their hoof steps a smell that is unique to each deer, so deer can recognize each other's trails.
- Deer live in home ranges of about ½ to 1 ½ square miles.
- Deer can run at up to 35 mph and, if necessary, jump fences as high as 8 feet.
- Does usually give birth to two fawns in areas with good resources.
- Humans are deer's main predators; coyotes and bobcats may kill a few, but less than cars or dogs.
- Deer prefer habitats near forest margins, especially near agricultural areas.
- In 1908, there were only about 500,000 deer in the United States. Today there are over 900,000 in Kentucky alone.



NATURAL AREAS VIPs • VOLUNTEER CALENDAR

TRAIL RANGER AND TRAIL TEAM VOLUNTEER HOLIDAY GATHERING

Sat, January 12, 3 to 11 p.m.

Bring a spouse or guest to celebrate and reflect on our accomplishments in 2007. Arrive at the Manor House as early as 3 p.m. for hiking and games. We plan to eat at 6 p.m. Our food and supplies will be provided. Bringing a dessert or covered dish is optional. Please RSVP to Larry Hilton at 797-5768. This will be a great opportunity to celebrate our accomplishments from the past year and to share that with our family and friends. We hope you can all make it!

KYMBA PROJECT DAYS AT WAVERLY PARK

Sat, January 19, 9 a.m.

Sat, February 16, 9 a.m.

Sat, March 15, 9 a.m.

Join Metro Parks staff and members of the Kentucky Mountain Bike Association to construct and repair multi-purpose trails within the park. We will meet at the parking area near the lake.

Contact: Larry Hilton – cell: 502/797-5768; office 502/361-0119; or email larry.hilton@louisvilleky.gov.

BUTCHERTOWN GREENWAY CLEAN-UP

Sat, January 26, Time 9 a.m.-Noon

We will mulch and drag debris at the Butchertown Greenway, at the corner of Story Avenue and Brownsboro Road. Meet at the floodwall on the Butchertown Greenway, adjacent to MSD's Beargrass Pump Station.

Contact: Sam Davis, 502/361-2918 or email Sam.davis@louisvilleky.gov.

TRAIL RANGERS AND TRAIL CREW

Sat, February 9, 9 a.m.

Meet at the Welcome Center. Trail Rangers will patrol assigned sections of the Forest and report trail issues. The group plans an overnight campout for those interested. Extra camping equipment is available upon request. This is a great opportunity to sit around a warm fire with group members.

Contact: Larry Hilton – cell: 502/797-5768; office 502/361-0119; or email larry.hilton@louisvilleky.gov.

BEARGRASS CREEK GREENWAY CLEAN-UP

Sat, February 23, Time 9 a.m.-Noon

We will mulch and drag debris at the Beargrass Creek Greenway, at the corner of Lexington Road and Grinstead Drive. Park in Jim Porter's parking lot (we have permission).

Contact: Sam Davis, 502/361-2918 or email Sam.davis@louisvilleky.gov.

TRAIL RANGERS AND TRAIL CREW

Sat, March 8, 9 a.m.

Project Day. Contact: Larry Hilton – cell: 502/797-5768; office 502/361-0119; or email larry.hilton@louisvilleky.gov.

ALL INTERESTED VOLUNTEERS

Sat, March 15, TBD

Mark this date on your calendar! MSD, Metro Parks, and Living Lands and Waters are working with other partners including Brightside to clean debris from local streams. More details to come. Please check our web site for more information in March.

ALL INTERESTED VOLUNTEERS

Sat, March 22, TBD

Please mark this date on you calendar, too! We are looking for volunteers to help us continue our annual effort to eliminate old dump sites within the Jefferson Memorial Forest. Over the past years, the efforts have really helped to beautify the preserve and have created a more welcoming approach to the Forest along our park roads. More details to come. Please check our web site in March for more details.

TRAIL RANGERS AND TRAIL CREW

Sat, March 22, 9 a.m.

Group Hike; hike location to be determined later.

Contact: Larry Hilton – cell: 502/797-5768; office 502/361-0119; or email larry.hilton@louisvilleky.gov.

ELIMINATE WASTE AND GET THIS NEWSLETTER BY EMAIL!

Do your part to save trees and keep our costs down, by emailing forest@louisvilleky.gov with the request "subscribe to newsletter." Include your name and the mailing address where you received this issue, and you will then only receive electronic copies of future newsletters.





NATURAL AREAS VIPs ♦ VOLUNTEER PROJECTS

FOURTH QUARTER 2007

Thank you for your interest in undertaking a volunteer project at the Jefferson Memorial Forest. Below is a list of currently available projects. If one of the projects interests you, please contact the supervisor listed, who will work with you to determine if there is a good fit for the particular project you choose. Once a project is chosen, our staff will send you the appropriate forms to complete.

Prior to project day: The volunteer leader must submit a completed volunteer application form and, if over age 18, a record check form.

Day of project: The volunteer leader is responsible for ensuring that all volunteers complete an application and that a timesheet is completed. All completed materials are to be turned in to the supervisor.

If you don't find a project to interest you, we encourage you to contact Laura Ryan, Metro Parks Volunteer Coordinator at 456-8156 to find out about other volunteer opportunities within Metro Parks.

Please contact Sam Davis, Volunteer Coordinator for Jefferson Memorial Forest at 361-2918. She will assist you with the volunteer procedures.

AVAILABLE PROJECTS

Assemble wood and metal leg picnic tables (10).

Rebuild/repair 2 bird feeding stations at the Welcome Center; build a 3rd station and several table feeders. Add stepping stones in flower beds leading to the feeders.

Build an outdoor information kiosk at the Welcome Center (in the front circle).

Build two archery benches. Two 16' or four 8' benches of green-treated lumber. Benches do not need backs. Build a stand for bows at archery range. Stand would be about 47" x 30" x 28" and green treated lumber.

Build a compost bin.

Build a wigwam frame as described in the below webpage, except we need it 16 feet in diameter. www.nativetech.org/wigwam/construction.html.

Construct covering for wigwam.

NATURAL AREAS VIPs ♦ VOLUNTEER EVENT

On November 17, MSD, Metro Parks, and Living Lands and Waters co-sponsored a volunteer clean-up event. Volunteers worked at both the Beargrass Creek Greenway, at the corner of Lexington Road and Grinstead Drive, and the Butchertown Greenway, at the corner of Story Avenue and Brownsboro Road. We had nearly 50 volunteers participate in the event. Volunteers planted trees, shrubs, and wildflowers; removed exotic species such as bush honeysuckle; and gathered litter along the corridor. Mike Mays of Heine Brothers' Coffee generously donated coffee and supplies for volunteers in both locations. Thank you, Mike and Heine Brothers' Coffee!

Below, volunteers take part to clean up both the Beargrass Creek and Butchertown greenways on November 17. Left: Jim Convery and Jane Davis. Right: Ben Peterson, Mohammad Nouri and Sarah Drake.





NATURAL AREAS VIPs • VOLUNTEER SPOTLIGHT

TONY BRIGHT

Tony Bright has been a Trail Ranger at Jefferson Memorial Forest for 10 years. His first woodlands volunteer experience was at nearby Bernheim Forest. He most recently helped lead a hike for the 2007 Mayor's Healthy Hometown Hike. He loves everything about the Forest and is happy to be a Trail Ranger.

Tony has a great understanding of trails and trail design, said Metro Parks Naturalist Larry Hilton. "He is intelligent, dependable, and a great photographer and caretaker of our equipment," said Hilton. Tony wants all our visitors to have a great experience and he truly cares about the mission of the Forest. Tony also logs the most hours on an annual basis of all the Trail Rangers. Thank you for all that you do, Tony!

How long have you lived in the area?

I was born in Germany but have lived in Jefferson County since 1967.

How long have you been a Trail Ranger?

Since the beginning! 10 years of service. I followed Larry Hilton, Naturalist, over from Bernheim Forest.

What is your favorite thing to do at the Forest?



Trail Ranger Tony Bright

Everything! I am a big outdoorsman and enjoy photography. I also enjoy trail building.

Do you have a favorite area of the Forest?

There are a lot of nice areas. I really have no favorite. They are all unique. Each trail has its own special features.

What's the best part of being a Trail Ranger?

Building trails. Also, working with a great core group of people. They are a great bunch to work with.



MAYOR'S HIKE 2007

The third annual Mayor's Healthy Hometown Hike took place at Jefferson Memorial Forest on Saturday, October 27. The hike is part of the Mayor's Healthy Hometown Movement, encouraging better nutrition and increased physical activity. The event was free to the public and all 300 participants received a free t-shirt. Mayor Jerry Abramson addressed the public before all the hiking and festivities began.

Trail Rangers and employees of the Forest led four hikes for all different skill levels. The children's hike to the Environmental Education Center and hay rides were family favorites! Several organizations including the Library and Red Cross set up informational booths. There were pumpkins galore provided by the Metro Parks Special Events team and arts and crafts projects for the children.

Mark your calendars now – the 2008 Mayor's Hike takes place on Saturday, October 18, 2008.



APES AT YOUR SERVICE!

Don't worry... APES stands for Advanced Placement Environmental Science. Students from the APES class of Louisville Male High School are continuing their work on a landscape restoration project in the Beargrass Creek Greenway at Irish Hill, in partnership with our environmental education staff.

After many years of neglect, exotic plants such as bush honeysuckle, garlic mustard and white mulberry trees had taken over this highly-disturbed site that sits atop construction fill from road projects, near Lexington Road and Grinstead Drive. All of these species are very invasive, choking out native plants and decreasing the diversity of the ecosystem that surrounds Beargrass Creek.

Earlier this year, the students tested soil, measured shade, and inventoried invasive species as well as the native species still present. They put together several restoration designs and presented them to Metro Parks. These designs were combined and modified into one cohesive plan for a small yet highly visible area at the entrance to the bike path leading down to Beargrass Creek. Through their



soil tests they determined that soil present on the site was very depleted of nutrients and too poor to sustain many plants. So they spent another day preparing the site by removing the invasive plants, and augmenting the soil with richer topsoil and leaf mulch.

On Saturday, November 17, the students volunteered their time to plant the area with selected native species of shrubs,

small trees and wildflowers. The next step will be to install interpretive signage that will identify plant species and inform the public of the significance of the restored area. This effort will help educate the public about the benefits of using native plants in their landscaping, while restoring the landscape along the Beargrass Creek pathway to a healthier, more diverse plant ecosystem.

CALLING ALL BUDDING NATURALISTS

Do you want to learn more about the Forest and all of its incredible inhabitants? Do you have a passion for nature and want to share your appreciation with others? Then sign up to be part of the Forest's first class of volunteer naturalists. By taking part in this 12-part training program, you will gain in-depth knowledge on the Forest and programming skills that you will use to assist staff and lead small groups on programs in the Forest and other Metro Parks.

This program includes all class materials, uniform upon completion, as well as other special volunteers-only perks, such as special field trips, classes and volunteer appreciation events.

In order to accommodate your schedule, we will run two sessions: one on Saturdays for those who work on weekdays, and one on Mondays for those who prefer a weekday option. Both classes will begin at 9 a.m. and end at noon.

SESSION

Introduction & General Forest Knowledge
Volunteer Orientation
Teaching methods on the Trail
Teaching Methods and Project WILD
Volunteer Presentations
Using Animals and Bio-facts to Teach
Animal Adaptations and Identification
The RESTORE Program
Reading the Landscape
Native Americans and Survival Skills
Aquatic Ecosystems
Tour of the Native Garden and Hike
Study Group
Class Test
First Aid Certification class

SATURDAY PROGRAM

January 12
January 19
January 26
February 2
February 9
February 16
February 23
March 1
March 8
March 15
March 22
April 5
April 12
April 19
April 26

MONDAY PROGRAM

January 7
January 14
January 28
February 4
February 11
February 18
February 25
March 3
March 10
March 17
March 24
April 7
April 14
April 21
April 28

For more information, or to register, please call 502/368-5404, ext 0.

CHILDREN IN NATURE • CREATING WINTER MEMORIES

With winter upon us, the warmth of our homes creates a tempting atmosphere to stay indoors. Even I, as a naturalist, have a very difficult time making myself go outside to brave the cold with my young son. He doesn't mind the cold, like my husband. However, I think back to my childhood and cannot recall a time that kept me from going outside to play. If the weather was bitterly cold I just put on more layers. I was always able to run back inside to warm my feet in the sink and drink hot chocolate. I can't help but look at my son and wish to create those same memories for him.

There are so many exciting adventures waiting outside for kids to experience. Don't let the winter weather keep you indoors! Now is a great time—the bugs are no longer out and for those who fear snakes, they won't be out either. Here are two activities to help you create wonderful winter memories with your children as they learn about their natural world.

ACTIVITY ONE: ANIMAL TRACKING

Animals leave several types of tracks behind, including foot tracks, fur or scat (waste). For a downloadable guide, you can go to www.memorialforest.com/hike. You can also find tracking guides at your local library.

After a good snowfall is the best time to search for animals. Tracks are easily seen in the snow. In fact, the tracks tell you a story once you put the pieces of the puzzle together, such as who was hunting whom.

When you find tracks with your child, you can take pictures of them or help your child draw them, then you can learn more about the animal that traveled through your yard online or from books.

Create a journal with the pictures or drawings and paste pictures of the animals next to their track. Oh, and don't forget to put your own tracks in the journal!

Suggested books:

- *Moose Tracks!* by Karma Wilson (Author), Jack E. Davis (Illustrator)
- *Footprints in the Snow* by Cynthia Benjamin (Author), Jacqueline Rogers (Illustrator)

- *Big Tracks, Little Tracks: Following Animal Prints* by Millicent E. Selsam (Author), Marlene Hill Donnelly (Illustrator)
- *Whose Footprints?* by Molly Cox

ACTIVITY TWO: BIRDING

Winter is a great time to feed the birds and, sure, why not the squirrels! Just a few feeders such as a thistle feeder, sunflower feeder and suet cage will bring a variety of birds. In fact, make a feeder with your child using pinecones or cardboard cut into shapes. Smother peanut butter or lard onto the shapes and cover in bird seed. You can hang these on a shrub or tree and watch to see what appears. It may take a few days before the birds find the food. Don't forget a water source; birds need water as well. This can be as simple as a plastic dog food bowl. Discuss with your child what animals need to survive as well as what we need to survive (food, water, shelter, air, sun and space).

Watch with your child as the birds appear on the feeders. At first, you can watch them from inside. Then sit and watch them outside from a distance. Eventually you can watch them close by. While you are outside, close your eyes and listen to all the different calls. You can visit www.enature.com and type in your zip code to find and listen to the calls of birds found in your area.

This time of year is also a great time to discover bird nests in trees. Go outside for a walk in search of these nests. You can also create nests together with materials lying around on the ground.

Christa Weidner, Naturalist

Suggested books:

- *About Birds: A Guide for Children* by Cathryn Sill (Author), John Sill (Illustrator)
- *Birds Calls* by Frank Gallo (Author), Lori Lohstoeter (Illustrator)
- *Bird Talk* by Ann Jonas



Dark-eyed Junco



2008 JEFFERSON MEMORIAL FOREST SPRING BREAK CAMP REGISTRATION

**MONDAY, APRIL 7 TO FRIDAY, APRIL 11,
9 A.M.-4 P.M.**

Jefferson Memorial Forest is proud to announce a new and exciting camp for children ages 7 to 12 during Spring Break. To celebrate the bicentennial of John James Audubon's travels through Kentucky, we are providing a camp about the life and times of this American adventurer. Use the survival skills Audubon did as he explored, and travel to the same spots – the Falls of the Ohio and Locust Grove. Collect bird bio-facts, learn to identify them by colors, songs, eggs and nests, and sketch the ones you find, just as he did. Transportation, field trips, snacks, journals and art supplies are included in the cost. Campers must bring lunches each day and dress for the weather.

COST: \$110 PER CAMPER

Spring Break Camp Registration Sessions are filled on a first come first served basis. Full payment is required at time of registration. You will be notified if a session is full or has been cancelled; confirmation letters will be mailed or e-mailed to you prior to the beginning of camp. Registration must be received no later than Wednesday, April 2.

Campers will be grouped ages 7-9 and 10-12.

PAYMENT OPTIONS AND REFUNDS

Register with check by mail or by credit card over the phone. Refunds, minus a \$25 processing fee, are offered only if cancellation is made in writing at least 2 weeks prior to the start of camp. If camp is cancelled, a full refund will be made to you. Camps are subject to minimum and maximum enrollment requirements.

DROP-OFF

Drop-off is located at the Horine Environmental Education Center in the Horine Reservation. Camp instructors will be there to greet campers. Drop-off begins at 8:30 a.m.

PICK UP

Instructors dismiss camp at 4 p.m. Staff will stay with the campers for 30 minutes. If a camper has not been picked up, staff will take them to the program office, located at the entrance of the Horine reservation. For more information, call the Forest Welcome Center at 502/368-5404 ext.0 or visit www.memorialforest.com.

AUDUBON SPRING BREAK CAMP EXPLORATION, FUN, BIRDS, HISTORY AND MORE!

Registration fee must accompany this registration form. Make checks payable to Jefferson Memorial Forest. When registering more than one child, send the information for each child on a separate form. Mail check and registration to:

**Jefferson Memorial Forest • Spring Break Camp
PO Box 467 • Fairdale, KY 40118**

AUDUBON EXPLORERS • April 7-11 • \$110

Child's last name: _____

Child's first name: _____

Sex: ☐ M / ☐ F Age: _____ Birthday: _____ / _____ / _____

Address: _____

City: _____ State: _____ Zip code: _____

Home phone: _____

Emergency phone: _____

Email address: _____

Please check your child's T-shirt size: ☐ XS ☐ S ☐ M ☐ L ☐ XL

Is there a friend/sibling you would like placed with your child? (This cannot be guaranteed if children are in different age groups or if space is not available.)

Does your child have any health concerns, special needs or allergies?

I hereby authorize Jefferson Memorial Forest/Metro Parks to take any steps necessary to ensure my child's health in case of an emergency, including seeking medical treatment. My child has permission to go on all camp-sponsored field trips. I understand that transportation will be by van with a staff driver for all field trips.

Signature: _____ Date: _____

I hereby authorize Jefferson Memorial Forest/Metro Parks to use my child's name and/or image for educational and public relations purposes.

Signature: _____ Date: _____

☐ Check _____ Amount paid: _____

Check number: _____

☐ Credit Card ☐ Master Card ☐ Visa

Name on the card: _____

Card number: _____ Exp date: _____

Signature: _____



PUBLIC PROGRAM CALENDAR: JANUARY THROUGH MARCH

We offer a wide array of programs for all ages. For more information visit our website or call the Welcome Center at 502/368-5404. Our staff will be happy to help you make reservations, give you directions to the program location, or provide you a complete schedule of our programs throughout the year. For all programs, please wear close-toed walking shoes, and dress for the weather.

Reservations and payment are required in advance. The Forest reserves the right to cancel programs with insufficient registration. Rain checks will be provided.

OUTDOOR SKILLS

9 a.m.-12:30 p.m.

Meet at the Horine Main Parking Lot unless otherwise noted. Fee: \$5 unless otherwise noted.

OUTDOOR SKILLS #1: HIKING AND HISTORY OF THE FOREST

Sat, January 5

Learn how the Forest came into existence, as well as some of the history behind the names associated with the Forest. This program includes tours of our two most known structures, the Welcome Center and the Horine Conference Center.

OUTDOOR SKILLS #2: ORIENTEERING – MAP AND COMPASS SKILLS

Sat, February 2

A great activity for parents and kids ages 10 and up. Learn the skills to get lost and find your way back to your destination, as Forest staff teaches you the basics of orienteering. Dress for the weather.

OUTDOOR SKILLS #3: CAMPFIRE COOKING

Sat, March 1

Learn how to be a great campfire gourmet. Forest staff will share tips and recipes ideal for cooking in the outdoors. Sign up early because space is limited. All food and materials will be provided. Families welcome; adults must accompany all children. Fee: \$10

F-BOSS: SENIOR BIRD WATCHING PROGRAM

Who are the F-Bosses? They are the Fly By Our Seats Seniors, and you can be one too! Our Senior birding program is free and full of fun. Learn to identify birds by how they look and sound as you visit some of the best bird viewing sites beyond the Forest. Each program is guided by a Forest naturalist and will include

transportation and short easy hikes. After you work up an appetite, participants will be taken to lunch at local eateries, so you will need to bring money for lunch. Meet at the Welcome Center. Free

HAYS KENNEDY PARK AND GARVIN BROWN NATURE PRESERVE

Mon, January 7, 8:30 a.m.-12:30 p.m.

Over the years this site has hosted rare and unusual birds such as Nelson's Sharp-tailed Sparrow.

VALENTINE'S DAY ROMANTIC RETREAT

Thu, February 14, 7:30-10 p.m.

Give your sweetheart the moon, the stars, and all of Louisville, on a romantic hike through the Forest that will end with a view of the city lights from the Manor House. You'll be greeted by a fire, hot beverages and desserts provided by local bakeries. Meet in the Horine Reservation. Fee: \$20 per couple. Reservations must be made by February 11.

PRE-SCHOOL NATURE ADVENTURES

This program is for parents and children ages 3 to 5. Bring your little ones along for a short hike of discovery and then meet some of the animals that call the Forest home. Each program has a specific nature theme. There will be a story-time with crafts and snacks. This is the first in a series of programs that provides experiences in nature for parents and little ones to share. Meet in the Horine Environmental Education Center. Fee: \$8 per child.

SPRING AWAKENINGS

Sat, March 8, 9:30-11:30 a.m.

Tue, March 11, 9:30-11:30 a.m.

Bring your little ones out to explore the wonder and beauty of nature as spring

appears. We'll listen and look for signs of the forest waking up after the long winter.

NATIVE GARDENING

Native plants can provide an exciting and beautiful garden year round. Please join us to learn how you can create these gardens in your own yard. Remember, native gardens require less maintenance and less watering. Meet at the Welcome Center

RAIN GARDENS AND RAIN BARRELS

Mon, March 3, 9 a.m.-12:30 p.m.

Presented by Phyllis Croce, MSD Landscape Restoration Specialist. We will travel to MSD to learn how rain gardens and rain barrels make good use of rainwater by collecting and redirecting it to water a garden. We will also learn the importance of using native plants as a way to help improve our environment. During our visit we will also tour the MSD water garden, and on our return to the Forest we will stop for lunch. Please bring money to purchase your lunch. Fee: \$5

EVENING PROGRAMS

A WALK IN THE NIGHT FOREST

Fri, March 14, 7 to 9:30 p.m.

Night is an incredible time to explore the forest; your senses become heightened as nocturnal animals become active. This program offers fun activities demonstrating how nocturnals use their special adaptations for nighttime survival. For parents and children ages 5 and up. Meet in the Horine Reservation. Fee: \$5

HOWL AT THE MOON

Fri, March 21, 7-8:30 p.m.

Come to the Forest as our staff will lead owners and their pooches on an evening romp through the woods. Your dog will be around other dogs and people, so non-

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CANOEING AT THE FOREST?

retractable leashes and good behavior are required. Also please make sure your pet is up to date on its vaccines. Meets in the Horine Reservation. Fee: \$5 per dog

FOREST EXPLORERS THREE-DAY PROGRAM

**Third Sat of March, April and May,
9 a.m.-Noon**

The Forest is offering an exciting new program series, where children 6 to 12 experience the life of a naturalist by discovering the wonders of the Forest through field studies, crafts and more. Snacks are provided. Each child makes their own journal to use throughout the series. Fee: \$10 per child per program. For those who wish to pre-register for all three in the series, the cost is \$24.

SERIES I – FOREST ECOSYSTEMS WOODLAND TREK

Sat, March 15

Hike through the forest, discovering the many sights and sounds. Explore the life of a tree from a seed to a rotting log.

ANIMAL ADVENTURES

Sat, April 19

What animals live in the forest? How do we find them? Join us for a day of adventure as young naturalists get to see the creatures of the Forest up close, then make their own tracking guides and watch for signs that the wildlife has left behind: feathers, tracks, scat and more.

DRAGONFLIES, DAMSELFLIES AND CYCLOPS! A LAKE ADVENTURE

Sat, May 17

Join Metro Parks Naturalists as they lead you on an adventure into the wet and wild world of a lake ecosystem. Be amazed at the strange and incredible critters that live in the waters of a lake. Learn about the ecosystem of a lake and how it helps to support the ecosystems that surround it. There will be scientific studies, activities, and a snack. All equipment will be provided. Wear clothes and shoes that can get messy.



*If only we could
canoe the Bee Lick*

No, you can't canoe in Bee Lick Creek, but you can join us for several interesting canoe trips in 2008. To start the year, we will offer a six-hour American Canoe Association Introduction to Canoe course on May 3. One of the joys of canoeing is learning to paddle with grace and confidence and this course will start you on the right path by learning a set of fundamental paddling strokes. Of course, when our grace and confidence fails and we wind up in the water, it's good to know how to perform a rescue. We won't just talk about rescues, we'll practice them, so plan on getting wet!

The next weekend (May 10), we'll introduce you to canoeing on Floyds Fork. Generally gently flowing, Floyds Fork meanders through a mix of suburban and rural landscapes and is a great classroom for studying the effects of development on watersheds. This trip will require you have basic control over your canoe in moving water.

On June 7, we'll offer a trip on Harrods Creek. Often overlooked for canoeing,

Harrods Creek offers four miles of flat water and, once we leave behind the boat docks, scenic views. We've spotted deer, owls, hawks, turtles, herons, and kingfishers while quietly paddling this creek.

September brings two canoe trips. On September 6, we will canoe and bird watch at the Falls of the Ohio. Plans for the day include flat water, great views, and exploration of Goose Island.

We will finish our year of canoeing with a night canoe trip on September 12. We'll paddle by the light of a full moon on McNeely Lake. At 46 acres, McNeely Lake is a nice size for this evening adventure.

For all of our trips, we provide canoes, life jackets and paddles. Safety is our primary concern, so poor water conditions may require rescheduling or cancelling trips. Pre-registration is required and space is limited, so call the Welcome Center early to reserve your space.

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